



NORTH COAST
LABORATORIES LTD.

May 21, 2018

City of Eureka
4301 Hilfiker Lane
Eureka, CA 95503

Attn: David Adams

Order No.: 1805084
Invoice No.: 140083
PO No.:
ELAP No.1247-Expires July 2018

RE: Pacific Choice

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
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01A	Outfall 001
01B	Outfall 001

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

Flag = Explanation in Case Narrative

All solid results are expressed on a wet-weight basis unless otherwise noted.

Approved for release by:

Roxanne Moore, Project Manager

Date: 21-May-2018
WorkOrder: 1805084

CASE NARRATIVE

The sample was received outside the EPA recommended temperature of less than or equal to 6° C.

Date: 21-May-2018

WorkOrder: 1805084

ANALYTICAL REPORT

Client Sample ID: Outfall 001

Lab ID: 1805084-01A

Received: 5/3/2018

Collected: 5/3/2018 14:50

Test Name: Hexane Extractable Oil and Grease

Reference: EPA 1664B

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Oil and Grease	8.6		4.6	mg/L	0.92	5/14/2018	5/17/2018

Client Sample ID: Outfall 001

Lab ID: 1805084-01B

Received: 5/3/2018

Collected: 5/3/2018 14:50

Test Name: Biochemical Oxygen Demand

Reference: SM 5210B, 2001. Revs 2011

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Biochemical Oxygen Demand	320		2.0	mg/L	1.0		5/4/2018

Test Name: Non-Filterable Residue (TSS)

Reference: SM 2540D, 1997. Revs 2011

<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
Non-Filterable Residue(TSS)	130		1.0	mg/L	1.0		5/9/2018

North Coast Laboratories, Ltd.

Date: 5/21/2018

CLIENT: City of Eureka
Work Order: 1805084
Project: Pacific Choice

QC SUMMARY REPORT

Method Blank

Sample ID	MBLK	Batch ID:	R95493	Test Code:	1664GOW	Units:	mg/L	Analysis Date	5/17/2018 11:00:00 AM	Prep Date	5/14/2018	
Client ID:		Run ID:	WC_180514J					SeqNo:	1358957			
Analyte		Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil and Grease		ND	5.0									

Sample ID	MBLK	Batch ID:	R95383	Test Code:	NFRW	Units:	mg/L	Analysis Date	5/9/2018	Prep Date		
Client ID:		Run ID:	WC_180509H					SeqNo:	1357576			
Analyte		Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Non-Filterable Residue(TSS)		ND	1.0									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 1 of 1

ED_006495_00002265-00004

North Coast Laboratories, Ltd.

Date: 5/21/2018

CLIENT: City of Eureka
Work Order: 1805084
Project: Pacific Choice

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID	LCS	Batch ID: R95493	Test Code: 1664GOW	Units: mg/L	Analysis Date 5/17/2018 11:00:00 AM				Prep Date 5/14/2018			
Client ID:			Run ID: WC_180514J		SeqNo: 1358958							
Analyte		Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil and Grease		36.40	5.0	40.0	0	91.0%	80	107	0			

Sample ID	LCSD	Batch ID: R95493	Test Code: 1664GOW	Units: mg/L	Analysis Date 5/17/2018 11:00:00 AM				Prep Date 5/14/2018			
Client ID:			Run ID: WC_180514J		SeqNo: 1358959							
Analyte		Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil and Grease		39.20	5.0	40.0	0	98.0%	80	107	36.4	7.41%	18	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 1 of 1

ED_006495_00002265-00005

North Coast Laboratories, Ltd.

Date: 5/21/2018

CLIENT: City of Eureka
Work Order: 1805084
Project: Pacific Choice

QC SUMMARY REPORT

BOD Organic Standard

Sample ID	ORG STD	Batch ID:	R95367	Test Code:	BODW	Units:	mg/L	Analysis Date	5/4/2018 10:00:00 AM	Prep Date	
Client ID:		Run ID:	WC_180504E					SeqNo:	1357395		
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Biochemical Oxygen Demand	198.3	2.0	200	0	99.2%	85	115	0			

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 1 of 1



Chain of Custody

Sampler (Sign & Print): David Adams

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT